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**RESPONSE UNDER 37 C.F.R. § 1.116  
EXPEDITED PROCEDURE REQUESTED  
EXAMINING GROUP 1634  
PATENT**

Customer No. 92,049  
Attorney Docket No. 028.0002-US00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re U.S. National Phase of International	)	
Application No. PCT/US2004/037041 of:	)	
	)	
Suk-Wah TAM-CHANG et al.	)	Group Art Unit: 1634
	)	
Application No.: 10/578,248	)	Examiner: B. SISSON
	)	
371 Date: February 27, 2007	)	Confirmation No.: 3055
	)	
PCT Filed: November 8, 2004	)	
	)	
For: IMPROVED METHODS FOR	)	
DETECTING AND MEASURING	)	
SPECIFIC NUCLEIC ACID	)	
SEQUENCES	)	

Commissioner for Patents  
Mail Stop: **AF**  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.116**

In reply to the Final Office Action dated July 13, 2010, the period for response having been extended to January 13, 2010, by a request for extension of three months and fee payment paid concurrently herewith, and pursuant to 37 C.F.R. § 1.116, Applicants respectfully request reconsideration of this application in view of the following amendments and remarks.

**Amendments to the Claims** are reflected in the listing of claims in this paper.

**Remarks/Arguments** follow the amendment sections of this paper.

**Attachments** include twelve (12) sheets of drawings (Figures 1, 2A, 2B, 2C, 3A, 3B, 3C, 4A, 4B, 4C, 5, 6A, 6B, 7, 8, 9, 10, and 11).